

WEST**End of Result Set**

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L2: Entry 29 of 29

File: USPT

Mar 23, 1993

DOCUMENT-IDENTIFIER: US 5196316 A

TITLE: Enzyme and DNA coding therefor

Brief Summary Text (35):

The hybrid vectors of the invention are useful for cloning and/or expressing a PHL gene in hosts, such as bacteria, fungi or higher eucaryotic cells. They may be derived from any vector useful in the art of genetic engineering, such as from viruses, phages, cosmids, plasmids or chromosomal DNA, for example derivatives of SV40, Herpes-viruses, Papiloma viruses, Retroviruses, Baculovirus, phage .lambda., e.g. NM 989 or EMBL4, or phage M13, bacterial plasmids, e.g. pBR322, pUC18, pSF2124, pBR317 or pPLMu., or yeast plasmids, e.g. yeast 2.mu. plasmid, or also chromosomal DNA comprising an origin of replication or an autonomously replicating sequence (ARS), or a defective virus, phage or plasmid in the presence of a helper virus, phage or plasmid allowing replication of said defective virus, phage or plasmid, e.g. M13(+)KS vector in presence of e.g. M14K07 helper phage. The Baculoviruses which can be used in the present invention are, for example, Autographa californica nuclear polyhedrosis virus (AcMNPV), Trichoplusia ni MNPV, Rachiplusia ou MNPV, Galleria mellonella MNPV, Bombyx mori nuclear polyhedrosis virus (BmNPV), and the like. A kit comprising a combination of an Autographa californica nuclear polyhedrosis virus and baculovirus transfer vectors pAc700, pAc701, pAc702, pVL1392 and pVL1393 is commercially available from Invitrogen.

*Cosmids, plasmids, chromosomal DNA, rep det viral vectors
are not req'd equiv for cloning & expressing genes.*

105 for C3

From: Schnizer, Richard
Sent: Tuesday, April 08, 2003 3:17 PM
To: STIC-ILL
Subject: 09/873,546

Please send me copies of:

TI Three human transforming genes are related to the viral ras oncogenes.
AU Shimizu K; Goldfarb M; Suard Y; Perucho M; Li Y; Kamata T; Feramisco J;
Stavnezer E; Fogh J; Wigler M H
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1983 Apr) 80 (8) 2112-6.

TI Transforming genes of human bladder and lung carcinoma cell lines are
homologous to the ras genes of Harvey and Kirsten
sarcoma viruses.

AU Der C J; Krontiris T G; Cooper G M
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1982 Jun) 79 (11) 3637-40.
FOR 103 claim 8

TI Identification and characterization of R-ras3: a novel member of the RAS
gene family with a non-ubiquitous pattern of tissue distribution
AU Kimmelman, Alec; Tolkacheva, Tatyana; Lorenzi, Matthew V.; Osada, Masako;
Chan, Andrew M. -L.
SO Oncogene (1997), 15(22), 2675-2685
103 for 6,7,9,10, 8??

TI The use of the polymerase chain reaction to map CD4+ T cell epitopes.
AU Nakagawa T Y; Von Grafenstein H; Sears J E; Williams J; Janeway C A;
Flavell R A
SO EUROPEAN JOURNAL OF IMMUNOLOGY, (1991 Nov) 21 (11) 2851-5.

TI Immunoglobulin complementarity-determining region grafting by recombinant
polymerase chain reaction to generate humanised monoclonal antibodies.
AU Lewis A P; Crowe J S
SO GENE, (1991 May 30) 101 (2) 297-302.
Nakagawa and lewis for adding restricton sites onto pcr primers.

Thank you-

Richard Schnizer, Ph.D.
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(FILE 'HOME' ENTERED AT 13:46:18 ON 08 APR 2003)

FILE 'MEDLINE' ENTERED AT 13:46:25 ON 08 APR 2003

L1 254 S RAS (3A)(HOMOLOG? OR IDENTI?) AND TUMOR
L2 73 S RAS (3A)(HOMOLOGY OR HOMOLOGOUS OR IDENTITY OR
IDENTICAL) AND

FILE 'STNGUIDE' ENTERED AT 14:07:07 ON 08 APR 2003

FILE 'MEDLINE' ENTERED AT 14:07:11 ON 08 APR 2003

L3 17 S TUMOR AND RAS-RELATED AND (HYBRIDIZ? OR NORTHERN
BLOT)

L4 13 L1 AND NORTHERN

FILE 'CAPLUS' ENTERED AT 14:14:58 ON 08 APR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'EMBASE' ENTERED AT 14:14:58 ON 08 APR 2003

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FILE 'BIOSIS' ENTERED AT 14:14:58 ON 08 APR 2003

COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHDS' ENTERED AT 14:14:58 ON 08 APR 2003

COPYRIGHT (C) 2003 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC
INFORMATION

FILE 'SCISEARCH' ENTERED AT 14:14:58 ON 08 APR 2003

COPYRIGHT (C) 2003 Institute for Scientific Information (ISI) (R)

L5 25 L4

L6 16 DUP REM L5 (9 DUPLICATES REMOVED)

L7 23 DNA DEPENDENT DNA POLYMERASE (10A) RNA DEPENDENT
DNA POLYMERASE

L8 1 L7 AND (PCR OR CHAIN REACTION)

L9 7 L8

L10 6 DUP REM L9 (1 DUPLICATE REMOVED)

(FILE 'HOME' ENTERED AT 14:48:54 ON 08 APR 2003)

FILE 'MEDLINE' ENTERED AT 14:49:03 ON 08 APR 2003

L1 414 S PCR AND PRIMER AND-RESTRICTION SITE

L2 4 S PCR AND ((INCORPORAT? (2A)RESTRICTION)(3A) PRIMER)
L3 30 S PCR AND G-CLAMP OR C-CLAMP
L4 1 S PCR AND (\G-CLAMP OR C-CLAMP)
L5 1 S PCR AND (G-CLAMP OR C-CLAMP)

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
14:57:29

ON 08 APR 2003

L6 5 S L5
L7 2 DUP REM L6 (3 DUPLICATES REMOVED)

(FILE 'HOME' ENTERED AT 09:03:40 ON 11 APR 2003)

FILE 'MEDLINE' ENTERED AT 09:04:38 ON 11 APR 2003

L1 1 S BACTERIAL ARTIFICIAL CHROMOSOME
L2 791 S L1 OR BACTERIAL ARTIFICIAL CHROMOSOME
L3 71 S L2 AND TRANSFECT?
L4 21 S L3 AND (MAMMALIAN OR EUKARYOTIC)

(FILE 'HOME' ENTERED AT 08:38:35 ON 14 APR 2003)

FILE 'MEDLINE' ENTERED AT 08:38:41 ON 14 APR 2003

L1 1347 S RAS AND PCR
L2 23 S L1 AND TAQ
L3 22 S RAS-RELATED AND PCR
L4 5 S RAS-RELATED AND RT-PCR

FILE 'CAPLUS, SCISEARCH' ENTERED AT 08:49:17 ON 14 APR 2003

L5 16 S L4
L6 12 DUP REM L5 (4 DUPLICATES REMOVED)

(FILE 'HOME' ENTERED AT 11:13:15 ON 14 APR 2003)

FILE 'MEDLINE' ENTERED AT 11:13:23 ON 14 APR 2003

L1 1 S PRIMER AND (G (1A) CLAMP? OR C (1A)CLAMP?)

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
11:14:33

ON 14 APR 2003

L2 16 S L1
L3 11 DUP REM L2 (5 DUPLICATES REMOVED)

(FILE 'HOME' ENTERED AT 15:20:34 ON 14 APR 2003)

FILE 'MEDLINE' ENTERED AT 15:20:41 ON 14 APR 2003

L1 27604 S G PROTEIN OR GUANINE NUCLEOTIDE BINDING PROTEIN
L2 867 S L1 AND REVIEW
L3 110 S L2 AND STRUCTURE AND FUNCTION
L4 65 S L2 AND RAS

S #	Updt	Database	Query	Time	Comment
S6731	U	USPT	(4965188 or 6077686 or 5981183 or 5314809 or 5397703).pn.	2003-04-16 09:07:50	
S6730	U	USPT	pcr.clm.	2003-04-14 12:39:33	
S6729	U	USPT	messenger rna and radio\$ and (mullis.in. and saiki.in.)	2003-04-14 11:50:09	
S6728	U	USPT	messenger rna and (mullis.in. and saiki.in.)	2003-04-14 11:47:06	

S6727
U
USPT

rna and (mullis.in.
and saiki.in.)
2003-04-14
11:42:47

S6726
U
USPT

northern and
(mullis.in. and
saiki.in.)
2003-04-14
11:42:36

S6725
U
USPT

mullis.in. and
saiki.in.
2003-04-14
11:42:06

S6724
U
USPT

mullis.in. and
aquaticus and rna
and (northern or
southern)
2003-04-14
11:40:07

S6723
U
USPT

(g clamp\$ or c
clamp\$) same
primer
2003-04-14
11:02:59

S6722
U
USPT

mullis.in. and mrna
2003-04-14
10:40:22

S6721

U
USPT

mullis.in. and
aquaticus and rna
2003-04-14
10:39:55

S6720
U
USPT

mullis.in. and
aquaticus and rna
dependent
2003-04-14
09:26:54

S6719
U
USPT

mullis.in. and
aquaticus and rna
2003-04-14
09:26:13

S6718
U
USPT

mullis.in. and
aquaticus
2003-04-14
09:25:31

S6717
U
USPT

mullis.in.
2003-04-14
09:24:52

S6716
U
USPT

ras related and
rt-pcr
2003-04-14
09:04:47